PTO/SB/05 (01-04)
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Title

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. First Inventor

(Only for flew horiprovisional applications under 37 CPR 1.55(b))	Express Mail Label No.						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450						
1. Fee Transmittal Form (e.g., PTO/SB/17) Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages / 18] Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Seguence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s))						
4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration	Assignment Papers (cover sheet & document(s)) 10.						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:							
Prior application information: Examiner Art Unit:							
19. CORRESPONDENCE ADDRESS							
Customer Number: 000041426 OR Correspondence address below							
Name DEBORAH L. MACPHER	.Sav						
Address							
TIC NAM	State VA Zip Code 22180						
Conted Sinco	lephone 703 242 9411 Fax 703 247 412						
Name (Print/Type) DEBWAH L. MACDHERS	Registration No. (Attorney/Agent)						
X)11/100 (A	Date MARCH 18 2004						

This collection of information is required by 37 CFR 1.8(6). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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1205

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2205

SUBTOTAL (2)

PTO/SB/17 (10-03)

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E EEE TOANGMITTAL		Complete if Known						
FEE TRANSMITTAL			Application Number		er			
for FY 2004			Filing Date		MARCH 18 2004	MARCH 18. 2004		
			First Named Inventor		December 1	HEREAL		
Effective 10/01/2003. Patent fees are subject to annual revision.			Examiner Name					
Applicant claims small entity status. See 37 CFR 1.27			Art Unit					
TOTAL AMOUNT OF PAYMENT (\$) 475				cket N	do l			
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit card Money Other None 3. ADDITIONAL FEES Large Entity Small Entity								
Deposit Coount:			Fee Code	Fee (\$)	Fee Description	Fee Paid		
Account Number		130	2051	65	Surcharge - late filing fee or oath			
Deposit Account	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
The Director is authorized to: (check all that apply)		130	1053	130	Non-English specification			
		2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to	1 l		

Charge fee(s) indicated below, except for the filing fee			1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
to the above-identified deposit account.			1251	110	2251	55	Extension for reply within first month		
	FEE	CALCULATION		1252	420	2252	210	Extension for reply within second month	
	FILING FEE			1				• • • • • • • • • • • • • • • • • • • •	
	Small Entity	Pro Brandadas	Ean Daid	1253	950	2253	4/5	Extension for reply within third month	l
F <u>ee Fee</u> Code (\$)	Fee Fee Code (\$)	Fee Description	Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	ļ
1001 770	2001 385	Utility filing fee		1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340	2002 170	Design filing fee	385	1401	330	2401	165	Notice of Appeal	<u> </u>
1003 530	2003 265	Plant filing fee		1402	330	2402	165	Filing a brief in support of an appeal	<u></u>
1004 770	2004 385	Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
		SUBTOTAL (1) (\$)	385	1452	110	2452	55	Petition to revive - unavoidable	
				1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA	CLAIM FEI	ES FOR UTILITY AND		1501	1,330	2501	665	Utility issue fee (or reissue)	
		Extra Claims below		1502	480	2502	240	Design issue fee	
Total Claims		0** = X] =	1503	640	2503	320	Plant issue fee	
Independent Claims		3** = X] =	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dep	endent	1.00	الــــــــــــــــــــــــــــــــــــ	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
	Small Enti		1119	1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description	10 1.0	8021	40	8021	40	Recording each patent assignment per	
1202 18	2202	9 Claims in excess of 20	,	8021	40	0021	40	property (times number of properties)	<u></u>
1201 86		43 Independent claims in		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290	2203 14	45 Multiple dependent cla	im, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86	2204	43 ** Reissue independer	nt claims					examined (37 CFR 1.129(b))	ļ
	1	over original patent		1801	770	2801	385	Request for Continued Examination (RCE)	1

**or number prev	iously paid, if greater; For Reissues, see above	reduced by besief ming ree rais	SUBTUTAL (3) ((\$)			
SUBMITTED BY			(Complet	e (if applicable))		
Name (Print/Type)	DEPORAH & MACP	Registration No.	Telephor	0 703 242 941		
Signature	Miller		Date	MARCH 18, 2004		

1802 900 1802

Other fee (specify)

900 Request for expedited examination

of a design application

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** Reissue claims in excess of 20

and over original patent



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